

## Biology Researcher

The Biodesign Institute at Arizona State University is focused on innovations that improve healthcare; provide renewable sources of energy and clean our environment; outpace the global threat of infectious disease; and enhance national security. Using a team approach, the goal is to find solutions to complex global challenges and accelerate these discoveries to market. More information about the Biodesign Institute may be found at: <http://www.biodesign.asu.edu>

The Biodesign Institute is seeking a **MOLECULAR BIOLOGIST** to work with the Protein Clone Production and Validation Group. The candidate will lead the high-throughput protein expression clone synthesis and validation group; will be responsible--together with research scientists --for clone production projects within the Institute. Must have hands-on experience in multiple cloning and expression systems (e.g., Gateway); design and perform bench-level experiments and projects; identify and implement new cloning and clone validation technologies; serve as technical lead for clone validation—mainly sequencing and protein purification—prior to distribution; investigates software and automation developments to improve operations; functions as liaison for informatics and wet-lab scientists.

**REQUIREMENTS:** Ph.D., minimum of three years' experience in molecular biology, biochemistry, or related field; a minimum of six to eight years' relevant professional experience in a molecular biology environment. **Your experience must be proven.** Solid knowledge of DNA cloning, purification, and sequencing, construction of cDNA libraries, clones, and vector design and construction; experience with protein expression and purification excellent critical thinking, analytical, leadership, and communication skills; ability to interact effectively with all levels of staff; experience in a high-throughput laboratory and in supervising small teams is a plus. Knowledge of MS Office, project management software (e.g., MS Project, MS Visio) and in research software (desktop sequence analysis, and molecular biology data management software, Vector NTI, LIMS) also a plus.

**SALARY:** Depending on experience.

**START:** April, 2009